Docket No.: H0498.70168US01

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Olivier J.A. Schueller et al. Applicant:

Serial No.: 10/824,331

Confirmation No.: 5408

Filed: April 14, 2004

For: OPTICAL MODULATOR/DETECTOR BASED ON

RECONFIGURABLE DIFFRACTION GRATING

Examiner: C. A. Simone

Art Unit: 1794

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Dated: 9/01/2010 Electronic Signature: /Angela M. Griffith/

RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 1, 2010, rejecting claims 52, 54-56, and 64-69, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.